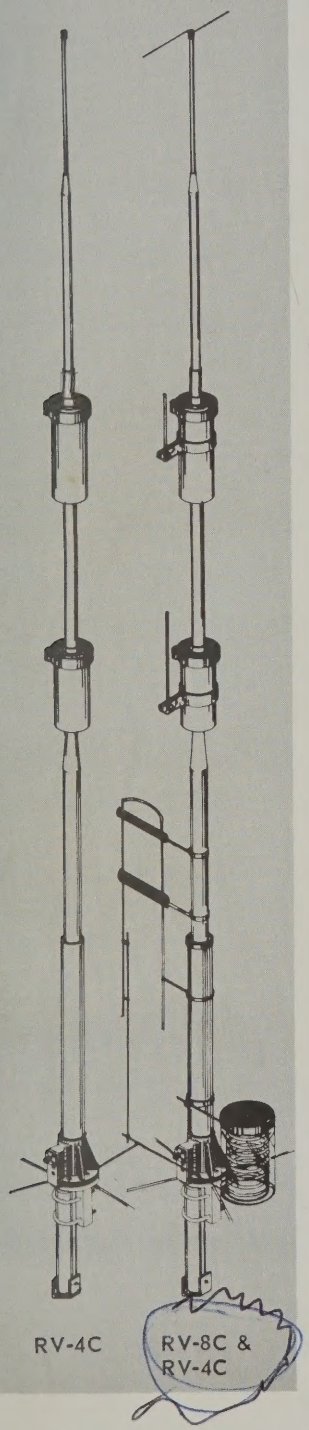
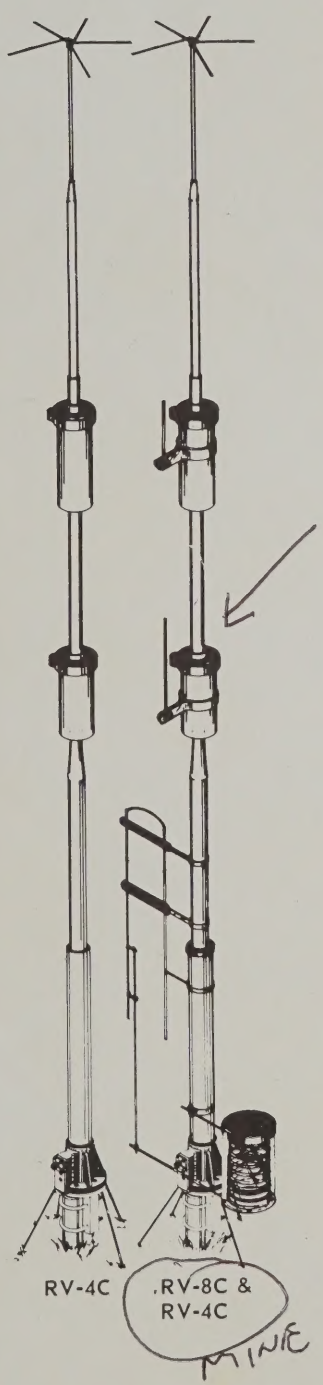
TRAP MASTER VERTICALS ... MULTI-BAND ANTENNAS

ROOF MOUNTED



GROUND MOUNTED



TRAP MASTER

Verticals

for 10 thru 80 meters

- AUTOMATIC BAND SWITCHING
- OMNI-DIRECTIONAL
- ONE-QUARTER WAVELENGTH
- SELF-SUPPORTING
- SIMPLIFIED BASE MOUNT

If you're cramped for space and looking for the finest in a self-supporting vertical, there's an RV antenna designed with you in mind.

Mosley RV Verticals for 4 or 5 band operation features automatic bandswitching from the location of the transceiver. Each antenna utilizes one or more world famous Trap Master traps of the renowned TA-33 beam. Undisputed and unaltered since their inception, Mosley Trap Master traps incorporate high "Q" coils firmly fixed on molded forms. These high quality metal encased traps maintain resonant stability on all bands under a wide variety of of weather conditions.

With New Simplified Base Mounting technique, no concrete footing is necessary. Vertical element mounts in durable Cycolac Base Insulator. Laboratory tests proved that this Base Insulator will withstand even greater stresses than the vertical element will impose without chipping or cracking. The Insulator with coax feed connection secures to a heavy-duty aluminum base casting. The antenna and base assembly are supported by a pipe with the aid of U-bolts and hardware.

These heavy-duty verticals measure up to the most exacting commercial standards. Elements are swaged for extra strength and reduced wind load. Low angle/omni-directional radiation and minimum SWR (1.5/1 or better at resonance) assure maximum performance. A two-inch OD mast is recommended. Power fed directly to antenna with a single 52 ohm coax line.

Mosley Electronics, Inc.
4610 N. LINDBERGH BLVD., BRIDGETON, MO. 63044

LITHO IN U.S.A. FORM NO. H-782

TRAP MASTER VERTICALS... ANTENNA ACCESSORIES

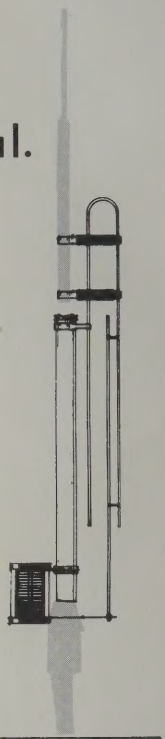
75/80 METER CONVERSION KIT: MODEL RV-8C

Designed to convert the RV-4C antenna to include the 75/80 meter band. The CL circuit incorporates a high "Q" coil constructed of #12 soft-drawn tinned copper wire wound on four polystrene rods. A plexiglass coil housing, closed at one end with a polystrene cap, assures weather protection.

An insulated aluminum condenser tube fits over the vertical element. Heavy-duty insulators maintain "U" shaped matching section loop, and a matching section rod connects loop to coil.

ADD
75/80 Meters
to your RV-4C Vertical.

conversion kit



ROOF-TOP MOUNTING KIT: MODEL RKV-345

Designed to adapt RV verticals from ground to roof-top mounting. A 3 ft. mast with hinged mounting bracket fastens base assembly to roof with one lag screw. No special guying required (Radial wires may be used as guys). To extend the antennas' tuning range, Top Hat Rods are provided for use according to individual installation requirements.

Specifications & Performance Data

MODEL	RV-4C	RV-8C
Bands	10, 15, 20 & 40 Mtr.	75/80 Mtr. Conversion Kit
Power Rating AM/CW	750 watts	750 watts
Power Rating P.E.P. SSB input to the final	2000 watts	2000 watts
Feed Point Impedance	52 ohms	52 ohms
Recommended Transmission Line	RG-8/U	RG-8/U
VSWR at Resonance	1.5/1 or better	1.5/1 or better
Height (approximately)	22'	22'
Number of Radials	4	5
Maximum Radial Length (approximately)	24' 7"	80'
Ground Required	Yes	(1 supplied)
Recommended Mast Size	2" OD	2" OD
Wind Surface Area	2.049 sq. ft.	2.500 sq. ft.
Wind Load (EIA Std. 80 MPH)	42 lbs. 7 ozs.	N/A
Assembled Weight (approximately)	9 lbs. 4 ozs.	4 lbs. 8 ozs.
Shipping Weight (approximately)	10 lbs. 4 ozs.	6 lbs.

(N/A) see Specifications & Performance Data on the RV-4C

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